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STATE DOCUMENTS

MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. XVII, No. 2 HELENA INDEPENDENT-RECORD HELENA, MONTANA **February, 1969**

Production of crude oil and condensate from the oil and gas areas of Montana for the month of February, 1969, averaged 124,582 barrels daily, a decrease of 1,923 barrels from the average January production of 126,505.

The nine refineries in the state processed 108,382 barrels of crude oil daily for the month of February, 1969, an increase of 28,298 barrels from the 80,084 barrels processed daily during the month of January, 1969.

During February, 93 wells were completed, 20 oil, 0 gas and 73 dry holes.

During February, the commission issued 34 permits to drill new wells, an increase of 3 from the 31 permits issued during January.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA MONTH OF FEBRUARY, 1969

IN STORAGE FEBRUARY 1st	
By Producers	450,077
By Transporters	1,423,021
By Refiners	750,498
TOTAL STORAGE	2,623,596
Produced in Montana During Month	3,488,290
Imported During Month	2,284,544
TOTALS	8,396,430
DISPOSITION:	
Refined in Montana	3,034,692
Exported	2,810,119
Used for Fuel or Lost	14,056
TOTAL	5,858,867
IN STORAGE FEBRUARY 28th	
By Producers	407,998
By Transporters	1,343,146
By Refiners	786,419
TOTAL STORAGE	2,537,563

NATURAL GAS WITHDRAWALS IN MONTANA

Month of February, 1969

Field	M. Cu. Ft.
Bears Den	0
Bell Creek	617,999
Blackjack	28,783
Big Coulee	130,301
Bowdoin	261,639
Bowes	31,802
Cabin Creek	90,879
Cedar Creek	1,109,078
Cut Bank (Including Reagan)	633,827
Devon	0
Dry Creek	62,546
Elk Basin	63,704
Flat Coulee	10,258
Gold Butte	0
Golden Dome	0
Grandview	70,328
Hardin	1,075
Keith Block	261,828
Kevin Sunburst	64,797
Lake Basin	94,744
Middle Butte	2,781
Mt. Lilly	46,644
Pine	56,531
Plevna	6,388
Squaw Coulee	38,669
Utopia	86,596
Whitlash	86,257
Miscellaneous	247,949
TOTAL	4,105,403

Total withdrawals for February, 1968 were 2,940,362

PRODUCERS REPORT—MONTH OF FEBRUARY, 1969

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
3	Ash Creek	3	332	2,504	----	2,581	----	255
	Bannatyne	----	704	----	----	----	----	704
1	Bascom	1	315	27	----	----	----	342
7	Bear's Den	7	2,314	1,256	387	1,049	----	2,134
77	Bell Creek	345	97,127	1,149,890	1,171,532	----	2,022	73,463
----	Benrud	----	739	----	----	----	----	739
1	Benrud East	1	633	12,442	12,448	----	----	627
1	Benrud Northeast	1	464	4,738	4,228	----	----	974
	Berthelote	----	577	----	----	----	----	577
5	Big Wall	17	2,680	15,436	15,248	----	----	2,868
2	Blackfoot	3	1,199	1,235	----	1,463	----	971
1	Border	1	----	990	----	990	----	----
1	Bowes	89	4,661	9,199	8,584	----	----	5,276
1	Bradley	1	743	661	1,270	----	----	134
1	Brady	1	738	----	63	----	----	675
3	Brorson-Madison	3	695	2,428	2,228	----	----	895
5	Brorson-Red River	5	2,000	52,443	----	51,882	----	2,561
2	Brorson-Red River South	2	2,969	28,980	----	28,779	----	3,170
2	Brush Mountain	2	625	5,255	----	4,975	----	905
2	Cabin Creek	99	----	268,317	268,317	----	----	----
14	Cat Creek	68	2,265	11,528	9,589	1,655	9	2,540
	Clark's Fork	----	51	----	----	----	----	51
2	Conrad South	2	662	1,194	1,194	----	----	662
	Cupton	----	1,074	----	----	----	----	1,074
123	Cut Bank	812	79,108	329,740	330,061	208	2,327	76,252
2	Deer Creek	3	927	2,563	2,313	----	----	1,177
1	Delphia	1	514	114	----	389	----	239
----	Devil's Basin	----	671	----	----	----	----	671
1	Dwyer	1	4,448	16,760	17,265	----	----	3,943
4	Elk Basin	57	2,042	209,662	209,415	----	----	2,289
5	Elk Basin Northwest	14	2,785	8,078	8,306	----	----	2,557
10	Fairview	11	8,566	80,989	80,339	----	----	9,216
2	Fertile Prairie	2	862	836	996	----	----	702
9	Flat Coulee	28	6,602	12,574	12,880	----	----	6,296
35	Flat Lake	53	10,329	57,906	59,336	----	----	8,899
2	Flat Lake South	2	410	5,150	5,095	----	----	465
2	Frannie	2	----	700	700	----	----	----
16	Fred & George Creek	38	3,746	49,852	50,341	----	----	3,257
1	Gage	1	323	363	----	----	----	686
4	Gas City	23	5,977	26,756	27,870	----	----	4,863
11	Glendive	15	2,580	28,361	20,199	8,502	----	2,240
25	Goose Lake	33	5,886	47,001	47,337	----	----	5,550
9	Graben Coulee	21	5,894	5,854	4,752	1,678	----	5,318
----	Grandview	----	528	----	----	----	----	528
----	Gypsy Basin	----	924	----	----	----	----	924
7	Hiawatha	7	6,659	20,239	21,185	----	----	5,713
1	Hibbard	1	671	180	----	----	----	851
1	Injun Creek	1	462	619	----	----	----	1,081
5	Ivanhoe	10	4,191	7,462	9,845	----	----	1,808
8	Keg Coulee	24	6,374	9,544	9,744	----	632	5,542
2	Keg Coulee North	2	1,270	1,234	1,697	----	----	807
5	Kelley	5	1,125	10,635	10,920	----	----	840
54	Kevin Sunburst	323	15,372	15,747	10,592	5,442	5	15,080
8	Laird Creek	12	932	7,252	----	7,720	----	464
1	Little Beaver	29	----	25,186	25,186	----	----	----
2	Little Beaver East*	14	1,854	18,147	17,663	----	----	2,338
1	Lodge Grass	1	1,903	942	----	1,099	----	1,746
2	Lookout Butte (Coral Creek)	37	419	52,111	52,221	----	----	309
	Mackay Dome	----	1,139	----	----	----	----	1,139
2	Mason Lake	2	573	1,096	886	----	----	783
3	Melstone	5	1,135	3,299	3,076	----	----	1,358
1	Mineral Bench	1	334	285	----	----	----	619
1	Miner's Coulee	1	107	421	----	421	----	107
11	Monarch	17	5,533	17,074	18,423	----	----	4,184
4	Mosser	4	----	1,097	----	1,097	----	----
7	Outlook	11	7,317	19,934	----	19,324	----	7,927
2	Outlook South	2	896	4,362	----	3,962	----	1,296
2	Outlook West	2	1,397	5,276	----	4,657	----	2,016
1	Pennel—Lookout Butte	148	12,412	142,933	146,329	----	----	9,016
4	Pine	119	17,227	272,301	272,317	----	----	17,211
1	Pole Creek	1	1,325	----	----	----	----	1,325
63	Pondera	270	8,358	23,623	23,676	----	----	8,305
4	Poplar	65	7,882	50,637	48,324	----	----	10,195
3	Poplar Northwest	3	1,597	155	----	----	----	1,752
----	Prairie Elk	----	333	----	----	----	----	333
4	Ragged Point	12	4,950	7,425	6,289	----	----	6,086
1	Rattlesnake Coulee	1	591	521	828	----	----	284
2	Reagan	45	468	20,258	20,258	----	----	468
1	Red Creek	26	----	21,470	21,470	----	----	----
1	Red Fox	1	428	7,018	6,924	----	----	522
1	Redstone	1	1,240	4,609	4,771	----	----	1,078
----	Repeat	----	405	----	----	----	----	405
4	Reserve	4	193	11,814	----	11,814	----	193
1	Richey	1	344	90	----	----	----	434
6	Richey Southwest	6	730	4,083	4,097	----	----	716
6	Sand Creek	8	2,421	11,009	9,566	----	----	3,864
	Shotgun Creek	----	516	----	----	----	----	516
1	Sidney	1	888	350	----	350	----	888
1	Snyder	3	482	650	----	650	----	482
8	Soap Creek	18	6,212	1,766	----	2,981	----	4,997
1	Spring Lake	2	1,825	1,559	----	1,465	----	1,919
1	Stensvad	13	5,789	14,523	17,767	----	----	2,545
26	Sumatra	84	13,610	64,806	66,713	----	----	11,703
5	Tule Creek	6	3,295	35,785	----	36,140	----	2,940
2	Tule Creek East	2	639	14,151	----	14,206	----	584
2	Tule Creek South	3	1,362	8,392	----	8,481	11	1,262
2	Vida	2	874	1,168	1,344	----	----	698
4	Volt	5	1,707	12,263	12,582	----	----	1,388
2	Weed Creek	3	794	4,527	4,600	----	55	666
5	Weldon	12	1,145	46,543	46,094	----	----	1,594
1	West Butte	1	----	2,662	----	2,662	----	----
13	Whitlash	23	10,235	11,893	13,196	----	----	8,932
1	Whitlash West	1	839	341	830	----	----	350
3	Wills Creek South	3	194	3,939	3,934	----	----	199
6	Wolf Springs	9	5,894	5,075	5,235	----	----	5,734
3	Woodrow	3	219	1,904	1,991	----	----	132
	Wildcat, Blaine Cty	----	188	----	----	----	----	188
----	Wildcat, Carbon Cty	----	727	----	----	----	4	723
3	Wildcat, Glacier Cty	6	1,876	1,271	2,427	----	2	718
1	Wildcat, Richland Cty	1	1,182	1,996	----	2,010	----	1,168
1	Wildcat, Sheridan Cty	1	1,389	515	1,337	----	40	527
1	Wildcat, Stillwater Cty	1	940	55	----	----	----	995
1	Wildcat, Toole Cty	1	----	286	----	----	----	286
720	Total	3,194	450,077	3,488,290	3,296,630	228,632	5,107	407,998

Total Oil Produced & Shipped From Leases	Bbls. Produced	Daily Average	Bbls Shipped	Daily Average
Year, 1968	48,460,579	132,406	48,370,779	132,161
January, 1969	3,921,668	126,505	3,916,061	126,324
February, 1969	3,488,290	124,582	3,525,262	125,902

Oil In Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage‡	Total oil In Storage‡
December, 1968	448,662	1,346,295	813,963	2,608,920
January, 1969	450,077	1,423,021	750,498	2,623,596
February, 1969	407,998	1,343,146	786,419	2,537,563

*Montana Oil Only
‡Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF FEBRUARY, 1969

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,581				2,581		
BEAR'S DEN—Truck			1,049					1,049	
BELL CREEK—Pipelines		1,171,532					667,500	504,032	
BIG WALL—									
Continental Pipeline Co.		15,249				15,249			
BLACKFOOT—									
Camerland Cardinal Corp.			1,463					1,463	
BORDER—Truck			990				990		
BOWES—Texaco Inc.		8,584				8,584			
BRORSON-MADISON—Pipelines		2,228						2,228	
BRORSON-RED RIVER & BRORSON-RED RIVER SOUTH—									
Rock Island Oil & Ref. Co.			80,661				80,661		
BRUSH MOUNTAIN—									
Sinclair Ref. Co.			4,975				4,975		
CABIN CREEK & OTHERS*									
Butte Pipeline Co.	320,579	724,954	8,502	1,050,359			1,778,020		326,374
Shell Pipeline Co.	9,857	234,521			1,962			236,663	5,753
	330,436	959,475	8,502	1,050,359	1,962		1,778,020	236,663	332,127
CAT CREEK—									
Continental Pipeline Co.		9,589				9,589			
Truck			1,655			1,655			
		9,589	1,655			11,244			
CUT BANK—									
Continental Pipeline Co.			18,131	320,605				338,736	
Phillips Petroleum Co.	70,977	44,905		46,795	269	92,002			70,406
Texas Pipeline Co.	47,139	87,947		28,373	345			147,923	15,191
Union Oil Co.	102,769	65,656		36,565	(159)	102,441			102,708
Western Oil Trans. Co.		33,001						33,001	
Western Oil Trans. (Moulton)		43,123						43,123	
	220,885	274,632	18,131	432,338	455	194,443		562,783	188,305
DELPHIA—Truck			389			389			
DWYER—Portal Pipeline Co.		17,196					17,196		
ELK BASIN & ELK BASIN NORTHWEST—									
Marathon Pipeline Co.		216,785				216,785			
FAIRVIEW—Fairview Pipeline Co.		80,339					80,339		
FLAT COULEE—									
Camerland Cardinal Corp.		11,489				9,800		1,689	
FLAT LAKE & FLAT LAKE SOUTH—									
Portal Pipeline Co.		57,575					57,575		
FRANNIE—Interstate Pipeline Co.		700					700		
FRED & GEORGE CREEK—									
Camerland Cardinal Corp.	16,881	57,663				36,209		25,315	13,020
GLENDIVE, DEER CREEK WOODROW & SAND CREEK—									
Texas Pipeline Co.	8,904	31,335			(988)			29,651	11,576
GOOSE LAKE—									
Portal Pipeline Co.		14,400					14,400		
HIAWATHA—									
Continental Pipeline Co.		21,822					21,822		
IVANHOE—									
Continental Pipeline Co.		9,859				9,859			
KEG COULEE & KEG COULEE NORTH—									
Continental Pipeline Co.		15,173				12,527	2,646		
KELLEY—									
Continental Pipeline Co.		10,920				10,920			
KEVIN SUNBURST—									
Big West Oil Co.	5,542	12,440				13,287			4,695
Homestake Oil & Gas Co.	4,724	2,301				2,612			4,413
Texas Pipeline Co.	13,319	5,097			38			8,726	9,652
	23,585	19,838			38	15,899		8,726	18,760
LODGE GRASS—Truck			1,099			1,099			
MASON LAKE—									
Continental Pipeline Co.		1,063				1,063			
MELSTONE—									
Continental Pipeline Co.		3,077				1,701	1,376		
MOSSER—Truck			1,097				1,097		
OUTLOOK & OUTLOOK WEST—									
Rock Island Oil & Ref. Co.			27,943				27,943		
PONDERA—Phillips Petr. Co.	32,133	24,871			264	18,188			38,552
POPLAR, BENRUD, BENRUD EAST, OUTLOOK, OUTLOOK SOUTH, OUTLOOK WEST, RED FOX, REDSTONE, RICHEY, TULE CREEK TULE CREEK SOUTH & VOLT—									
East Poplar Gathering System	14,314	115,114			667			118,969‡	9,792
RAGGED POINT—									
Continental Pipeline Co.		7,265				7,265			
RED CREEK—									
Western Oil Transportation Co.		24,310						24,310	
RESERVE—Truck			11,814				11,814		
SIDNEY—Truck			350					350	
SNYDER—Truck			650			650			
SOAP CREEK—Truck			2,981				2,981		
SPRING LAKE—									
Rock Island Oil & Ref. Co.			1,465				1,465		
SUMATRA & STENSVAD—									
Continental Pipeline Co.	764,113	75,552		772,076	5,132	54,855		826,233	725,521
TULE CREEK—									
Tesero Petr. Corp.	11,770		58,827			65,104			5,493
WEED CREEK—									
Continental Pipeline Co.		4,500				4,500			
WHITLASH & WHITLASH WEST—									
Camerland Cardinal Corp.		14,891				14,006		885	
WOLF SPRINGS—									
Continental Pipeline Co.		5,235				5,235			
WILDCAT WELLS—Truck			2,010				2,010		
TOTALS	1,423,621	3,282,261	228,632	2,254,773	7,530	715,574	2,778,091	2,344,346	1,343,146

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Richey Southwest, Weldon and Wills Creek South.

‡Transferred to Butte Pipeline Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF FEBRUARY, 1969

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Ref. Co.	Jet Fuel Refinery	Phillips Petr. Co.	Tesoro Petr. Corp.	Union Oil Co.	Total
Big Wall	----------	15,249	----------	----------	----------	----------	----------	----------	----------	15,249
Bowes	----------	----------	7,809	----------	----------	----------	----------	----------	----------	7,809
Cat Creek	----------	2,731	----------	----------	----------	5,662	----------	----------	----------	8,393
Cut Bank	56,195	----------	----------	----------	----------	----------	75,985	----------	98,635	230,815
Delphia	----------	----------	----------	----------	----------	865	----------	----------	----------	865
Elk Basin	----------	85,444	----------	58,524	72,817	----------	----------	----------	----------	216,785
Flat Coulee	----------	----------	----------	----------	----------	----------	----------	----------	9,800	9,800
Fred & George Creek	36,209	----------	----------	----------	----------	----------	----------	----------	----------	36,209
Gage & Gage S. W.	----------	----------	----------	----------	----------	424	----------	----------	----------	424
Hibbard	----------	----------	----------	----------	----------	392	----------	----------	----------	392
Ivanhoe	----------	9,859	----------	----------	----------	----------	----------	----------	----------	9,859
Keg Coulee	----------	2,297	----------	10,230	----------	----------	----------	----------	----------	12,527
Kelley	----------	----------	----------	----------	10,920	----------	----------	----------	----------	10,920
Kevin Sunburst	13,287	----------	----------	----------	----------	----------	----------	----------	----------	13,287
Lodge Grass	----------	1,099	----------	----------	----------	----------	----------	----------	----------	1,099
Mason Lake	----------	1,063	----------	----------	----------	----------	----------	----------	----------	1,063
Melstone	----------	----------	----------	1,701	----------	----------	----------	----------	----------	1,701
Pondera	----------	----------	----------	----------	----------	----------	21,399	----------	----------	21,399
Ragged Point	----------	----------	----------	7,265	----------	----------	----------	----------	----------	7,265
Sand Creek	----------	----------	----------	----------	----------	177	----------	----------	----------	177
Snyder	----------	650	----------	----------	----------	----------	----------	----------	----------	650
Sumatra & Stensvad	----------	23,479	----------	21,744	9,632	----------	----------	----------	----------	54,855
Tule Creek	----------	----------	----------	----------	----------	----------	----------	64,864	----------	64,864
Weed Creek	----------	----------	----------	----------	4,500	----------	----------	----------	----------	4,500
Whitlash	----------	----------	----------	----------	----------	----------	14,006	----------	----------	14,006
Wolf Springs	----------	----------	----------	----------	5,235	----------	----------	----------	----------	5,235
Total Montana Oil	105,691	141,871	7,809	99,464	103,104	7,520	111,390	64,864	108,435	750,148
Canadian Oil Imported	----------	346,858	----------	----------	24,521	----------	----------	----------	----------	371,379
Wyoming Oil Imported	----------	493,546	----------	482,337	937,282	----------	----------	----------	----------	1,913,165
Total Montana, Canadian, and Wyoming Oil	105,691	982,275	7,809	581,801	1,064,907	7,520	111,390	64,864	108,435	3,034,692

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1968	26,482	21,007	64,842	112,331
February, 1968	22,170	18,613	73,568	114,351
February, 1969	26,791	13,264	68,327	108,382

PERCENTAGE OF CRUDE OIL REFINED

Montana	Canada	Wyoming
23.57%	18.70%	57.73%
19.38%	16.28%	64.34%
24.72%	12.24%	63.04%